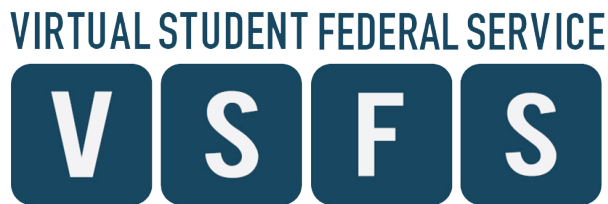


Committed to Coral Conservation: Building the Next Generation Web Training Portal



Project Title	Committed to Coral Conservation: Building the Next Generation Web Training Portal
Project Summary	Build a content and user management system to help program coordinators at Florida Keys National Marine Sanctuary (FKNMS) administer and ensure quality of the Blue Star recognition programs. Design an e-learning quiz system to train local dive, snorkel, and fishing charter staff members.
Country	United States

Project Description

The Blue Star program is a voluntary recognition program administered in Florida Keys National Marine Sanctuary (FKNMS). Currently, FKNMS provides for the management of over 2900 nm² of Ocean surrounding the Florida Keys, including the largest living barrier reef in the continental United States. With 120+ miles of road from Miami to Key West, there are countless avenues for entering sanctuary waters and hundreds of water-based recreation opportunities that provide for hundreds of thousands of visitors each year. FKNMS currently recognizes over 25 Blue Star dive shops and recently expanded to include fishing charters.

Help us build a robust, secure, maintainable, and extendable website for managing the learning content that drives Blue Star as well as administering quizzes and maintaining records of completion for several hundred users and dozens of organizations.

Project requirements are fairly straightforward and many design choices will be left to you!

Required Skills or Interests

Skill(s)

Coding

Data visualization

Design thinking

Educational design

Software development

Additional Information

To see our current Blue Star Diving website, visit: www.sanctuarybluestar.org/training

Sign in using dive shop: "sample"

Use the password: "sample"

To see our (hopefully temporary) Blue Star Fishing Guide website, visit:

<https://goo.gl/forms/WOlR5bXtyWLQIGJa2>

Login under "FKNMS Staff Test"

We are trying to build a site with similar functionality on the user end that includes more types of engaging media (provided), as well as the ability to easily modify and update content, send notifications on content updates, send notification of annual renewal, create more customized quizzes with different question formats, maintain user records in a secure, anonymous way, and manage students and organizations with standard Create, Read, Update, Destroy functionality. Program coordinators should be able to review statistics and analyze website usage and help draw meaningful conclusions for data.

An ideal intern will have a strong desire to utilize fundamental web technologies like HTML, CSS, and Javascript and the Rule of Least Power to accomplish project goals. You should be interested in integrating databases securely with a web application and authenticating users. You should have an interest in designing with accessibility in mind and integrated from the start. We're going to work together towards perfect, one step at a time.

Current prototyping has been done in Vue with Firebase integration for the database. Expect to be given more freedom than may feel comfortable at first and work iteratively to create a web app with increasing capability throughout your internship based on your experience.

Language Requirements

None